

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A voice messaging system with speakerphone capability, comprising:

a microphone signal;

a speakerphone loudspeaker;

a gain module;

a ~~user-recorded~~ message playback signal relating to a pre-recorded voice message; and

a summer in a transmit path; and

~~a record module for simultaneously recording a voice of a far end user and said microphone signal of a speakerphone;~~

wherein said ~~user-recorded~~ message playback signal is combined with said microphone signal for transmission over a telephone line such that said far end user can will simultaneously speak and hear said user-recorded message playback microphone signal and said message playback signal, while said far end user can simultaneously speak through said speakerphone loudspeaker, allowing full-duplex communications.

2. (currently amended) The voice messaging system with speakerphone capability according to claim 1, further comprising:

a message gain module between said ~~user-recorded~~ message playback signal and said summer.

3. (previously presented) The voice messaging system with speakerphone capability according to claim 2, wherein said message gain module comprises:

an automatic gain control portion; and

a fixed gain portion.

4. (previously presented) The voice messaging system with speakerphone capability according to claim 1, wherein said gain module comprises:

a automatic gain control portion; and
a fixed gain control portion.

5. (previously presented) The voice messaging system with speakerphone capability according to claim 1, further comprising:

a switched loss echo suppression module in said transmit path after said gain module.

6. (previously presented) The voice messaging system with speakerphone capability according to claim 5, wherein:

said message playback signal is combined with said microphone signal at a point in said transmit path after said switched loss echo suppression module.

7. (previously presented) The voice messaging system with speakerphone capability according to claim 6, further comprising:

a digital to analog converter in said transmit path at a point after said switched loss echo suppression module.

8. (previously presented) The voice messaging system with speakerphone capability according to claim 1, further comprising:

a transmit voice activity detector in communication with said transmit path, said transmit voice activity detector indicating a transmit condition of said speakerphone.

9. (previously presented) The voice messaging system with speakerphone capability according to claim 1, wherein:

said voice messaging system is a telephone answering device.

10. (currently amended) A method of ~~simultaneously recording and~~ transmitting a microphone signal and a played back user pre-recorded voice signal to a far end party over a telephone line using a speakerphone, while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone, comprising:

establishing a telephone call;

initiating a transmit function of a speakerphone generating a microphone signal;

playing back a voice message pre-recorded ~~by a user~~ on said speakerphone generating a playback message signal;

combining said microphone signal with said playback message signal; and

transmitting said combined microphone signal and playback signal to a far end party over said telephone line while said far end party simultaneously speaks through said loudspeaker of said speakerphone.

11. (currently amended) The method of ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 10, further comprising:

adjusting a gain of said microphone signal.

12. (currently amended) The method of ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 11, further comprising:

adjusting a gain of said playback message signal.

13. (currently amended) The method of ~~simultaneously recording and transmitting~~ a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 11, wherein:

said adjusting similarly adjusts a gain of both said microphone signal and said playback message signal.

14. (currently amended) The method of ~~simultaneously recording and transmitting~~ a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 11, wherein:

said combining occurs at a point in a transmit path after a gain of said microphone signal is adjusted.

15. (currently amended) Apparatus for ~~simultaneously recording and transmitting~~ a microphone signal and a played back user pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone, comprising:

means for establishing a telephone call;

means for initiating a transmit function of a speakerphone generating a microphone signal;

means for playing back a voice message pre-recorded ~~by a user~~ on said speakerphone generating a playback message signal;

means for combining said microphone signal with said playback message signal; and

means for transmitting said combined microphone signal and playback signal to a far end party over said telephone line while said far end party simultaneously speaks through said loudspeaker of said speakerphone.

16. (currently amended) The apparatus for ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 15, further comprising:
means for adjusting a gain of said microphone signal.

17. (currently amended) The apparatus for ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 15, further comprising:
means for adjusting a gain of said playback message signal.

18. (currently amended) The apparatus for ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 15, wherein:
said means for adjusting similarly adjusts a gain of both said microphone signal and said playback message signal.

19. (currently amended) The apparatus for ~~simultaneously recording and~~ transmitting a microphone signal and a played back pre-recorded voice signal to a far end party over a telephone line using a speakerphone while simultaneously outputting a voice signal received from said far end user over a loudspeaker of said speakerphone according to claim 16, wherein:
said means for combining combines said microphone signal with said playback message signal at a point in a transmit path after said means for adjusting said microphone signal.